

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:  
Sunil Chada *et al.*

Serial No.: 10/791,692

Filed: March 2, 2004

For: METHODS AND COMPOSITIONS  
INVOLVING MDA-7

Group Art Unit: 1645

Examiner: Unknown

Atty. Dkt. No.: INGN:105US

Confirmation No.: 3897

**CERTIFICATE OF ELECTRONIC TRANSMISSION  
37 C.F.R. § 1.8**

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February 27, 2007  
Date

  
Monica A. De La Paz

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

**MS AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R. §§ 1.97(g), (h), this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be

construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Supplemental Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with the filing of this Supplemental Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/INGN:105US.

Applicants respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'mDeLaPaz', with a stylized flourish at the end.

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Attorney for Applicants

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Date: February 27, 2007

Form PTO-1449 (modified)		Atty. Docket No.: <b>INGN:105US</b>	Serial No.: <b>10/791,692</b>
List of Patents and Publications for Applicant's  INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)		Applicant: <b>Sunil Chada <i>et al.</i></b>	
		Filing Date: <b>March 2, 2004</b>	Group: <b>1645</b>
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 1</i>	Other Art <i>See Page 1-6</i>	

### U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.

### Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Language
	B17	WO 03/075952	09/18/03	WIPO	English

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	C223	Beretta <i>et al.</i> , "Rapamycin blocks the phosphorylation of 4E-BP1 and inhibits cap-dependent initiation of translation," <i>EMBO J</i> , 15:658-664, 1996.
	C224	Beretta <i>et al.</i> , "Rapamycin stimulates viral protein synthesis and augments the shutoff of host protein synthesis upon picornavirus infection," <i>J. Virol</i> , 70:8993-8996, 1996.
	C225	Chattergoon <i>et al.</i> , "Targeted antigen delivery to antigen-presenting cells including dendritic cells by engineered Fas-mediated apoptosis," <i>Nat Biotechnol</i> , 18(9):974-979, 2000.
	C226	Cunningham <i>et al.</i> , "Clinical and local biological effects of an intratumoral injection of <i>mda-7</i> (IL24; INGN 241) in patients with advanced carcinoma: a phase I study," <i>Molecular Therapy</i> , 11(1):149-159, 2005. (Written in 2003 with Applicant)
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	C230	Deb <i>et al.</i> , "RNA-dependent protein kinase PKR is required for activation of NF- $\kappa$ B by IFN- $\gamma$ in a STAT1-independent pathway," <i>J. Immunol.</i> , 166:6170-6180, 2001.
	C231	Dumoutier and Renauld, "Viral and cellular interleukin-10 (IL-10)-related cytokines: from structures to functions," <i>Eur Cytokine Netw.</i> , 13(2):5-15, 2002.
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	C233	Fisher <i>et al.</i> , "mda-7/LI-24, a novel cancer selective apoptosis inducing cytokine gene," <i>Cancer Biol Therapy</i> , 2(4 suppl. 1):S24-S37, 2003.
	C234	Gale <i>et al.</i> , "Antiapoptotic and oncogenic potentials of hepatitis C virus are linked to interferon resistance by viral repression of the PKR protein kinase," <i>J. Virol.</i> , 7(8):6505-6516, 1999.
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	C241	Kaufman, "Orchestrating the unfolded protein response in health and disease," <i>J. Clin Invest.</i> , 110(10):1389-1398, 2002.
	C242	Killary <i>et al.</i> , "Definition of a tumor suppressor locus within human chromosome 3p21-p22," <i>Proc Nat Acad Sci USA</i> , 89:10877-10881, 1992.
	C243	Kumar <i>et al.</i> , "Deficient cytokine signaling in mouse embryo fibroblasts with a targeted deletion in the PKR gene: role of IRF-1 and NF- $\kappa$ B," <i>EMBO J.</i> , 16:406-416, 1997.

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	C244	Kumar <i>et al.</i> , "Double-stranded RNA-dependent protein kinase activates transcription factor NF- $\kappa$ B by phosphorylating I $\kappa$ B," <i>Proc. Natl. Acad. Sci., USA</i> , 91:6288-6292, 1994.
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	C253	Nemunaitis <i>et al.</i> , "Selective replication and oncolysis in p53 mutant tumors with ONYX-015, an E1B-55kD gene-deleted adenovirus, in patients with advanced head and neck cancer: a phase II trial," <i>Cancer Res.</i> , 60:6359-6366, 2000.
	C254	Nemunaitis, "Use of macrophage colony-stimulating factor in the treatment of fungal infections," <i>Clin Infect Dis</i> , 26(6):1279-1281, 1998.
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	C259	Pavio <i>et al.</i> , "Protein synthesis and endoplasmic reticulum stress can be modulated by the hepatitis C virus envelope protein E2 through the Eukaryotic initiation factor 2 $\alpha$ kinase PERK," <i>J. Virol</i> , 77(6):3578-3585, 2003.
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	C263	Pezzella <i>et al.</i> , "Non-Small-Cell Lung Carcinoma Tumor Growth without Morphological Evidence of Neo-Angiogenesis," <i>Am. J. Pathology</i> , 151:1417-1423, 1997.
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	C269	Reed, "Bcl-2 family proteins: regulators of apoptosis and chemoresistance in hematologic malignancies," <i>Semin Hematol.</i> , 34(4 Suppl. 5):9-19, 1997.
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	C272	Ron, "Translational control in the endoplasmic reticulum stress response," <i>J. Clin Invest</i> , 110(10):1383-1388, 2002.
	C273	Sakariassen <i>et al.</i> , "Angiogenesis-independent tumor growth mediated by stem-like cancer cells," <i>Proc. Natl. Acad. Sci. USA</i> , 103:16466-16471, 2006.
	C274	Sarkar <i>et al.</i> , "mda-7 (IL-24) mediates selective apoptosis in human melanoma cells by inducing the coordinated overexpression of the GADD family of genes by means of p38 MAPK," <i>Proc. Natl. Acad. Sci., USA</i> , 99(15):10054-10059, 2002.
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	C277	Vattem <i>et al.</i> , "Inhibitory sequences in the N-terminus of the double-stranded-RNA-dependent protein kinase, PKR, are important for regulating phosphorylation of eukaryotic initiation factor 2 $\alpha$ (eIF2 $\alpha$ )," <i>Eur J Biochem</i> , 268(4):1143-1153, 2001.
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	C279	Yeo <i>et al.</i> , "Accumulation of unglycosylated liver secretory glycoproteins in the rough endoplasmic reticulum," <i>Biochem Biophys Res Commun</i> , 160(3):1421-1428, 1989.

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